

Home Energy Storage 51.2v 30kwh Lithium Battery 600ah 48V Solar Battery Pack Lifepo4

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen
- Brand Name: ENIKOL
- Certification: CE, FCC, UKCA, UN38.3, MSDS
- Model Number: ESK-4860CVT
- Minimum Order Quantity: 1 unit
- Price: Negotiable
- Packaging Details: Wooden box packaging
- Delivery Time: 7-15 days
- Payment Terms: T/T, L/C, D/A, D/P, Western Union, MoneyGram
- Supply Ability: 4000 pieces per week



Product Specification

- Battery Type: Lithium Iron Phosphate (LiFePO4)
- Rate Voltage: 51.2V
- Communication Function: CAN/RS485
- BMS: Built In BMS
- Cycle Life: ≥6000-8000 Times
- Max Charging Current: 200A
- Max Continuous Discharge Current: 200A (10KW Power)
- Shell Material: White Painted Steel
- Highlight: 51.2v 30kwh Lithium Battery, 600ah Lithium Battery, 48V Solar Battery Pack



More Images



Product Description

Product Description:

Our Product

Product Model	ESK-4860CVT	
Type of Battery	Lithium Iron Phosphate	
Max Parallel	16 sets	
Rated Capacity	600AH (30.72KWH)	
Rated Voltage	51.2V	
Charging Voltage	58.4V	
Max Charging Current	200A	
Max Continuous Discharge Current	200A (10kw power)	
Weight	267kg	
Dimension (L * W * H)	400*800*1152mm	
Display	7-inch touch screen	
Warranty	5-10 years	
Communication Function	CAN/ RS485	
Shell Material	White gray painted steel (Optional)	
Cycle Life	≥6000-8000 times	
Protection Function	Overcharge protection, over discharge protection, over-current protection, short circuit protection, temperature protection, and low voltage alarm	
Matched Solar Inverter Brands	PYLONTECH/ GOODWE/ Growatt/ SMA/ Victron/ TBB/ Must/ Sine/ MEGAREVO/ Deye/ Voltronic/ SOFAR/ SOROTEC/ Luxpower/ SMK/ SAKO/ SOL-ARK/ Solis, etc	

The 48V Solar Battery is a cutting-edge energy storage solution designed to optimize the performance of your solar power system. With a built-in Battery Management System (BMS), this battery ensures the safety and longevity of your energy storage unit. The BMS actively monitors the battery's health, protects it from overcharging and discharging, and helps maintain a stable operating temperature for maximum efficiency.

In addition to its essential BMS feature, the 48V Solar Battery offers optional WIFI and Bluetooth capabilities for enhanced connectivity. With these optional functions, users can remotely monitor and control the battery system through their smartphones or other devices, enabling greater convenience and control over their energy usage.

Operating at a rated voltage of 51.2V, the 48V Solar Battery provides reliable power output for your solar energy system. Its rated capacity of 600AH (30.72KWH) ensures ample energy storage capacity to meet your household or commercial energy needs, allowing you to make the most of your solar power generation.

Furthermore, the 48V Solar Battery features advanced communication functions, including CAN and RS485 interfaces. These communication functions enable seamless integration of the battery with other components of your solar power system, facilitating data exchange and coordination for optimal system performance.

Whether you are looking to increase energy independence, reduce electricity costs, or minimize your carbon footprint, the 48V Solar Battery is a reliable and efficient energy storage solution for your solar power system. Its robust design, intelligent features, and high-performance specifications make it an ideal choice for residential, commercial, and industrial applications.



30kwh large capacity

7-inch touch screen

≥6000 times cycle life

removable anti-skid wheels

Features:

Product Name: 48V Solar Battery
Shell Material: White Painted Steel
Max parallel: 16 Sets
Rate Voltage: 51.2V
Rated Capacity: 600AH (30.72KWH)
Communication function: CAN/RS485

Technical Parameters:

Rated Capacity	600AH (30.72KWH)
Battery Type	Lithium Iron Phosphate (LiFePO ₄)
Other Functions	WIFI/Bluetooth (optional)
Display	7-inch Touch Screen
Max continuous discharge current	200A (10KW Power)
Communication function	CAN/RS485
Shell Material	White Painted Steel
Max Charging Current	200A
Warranty	5-10 Years
BMS	Built In BMS

Applications:

The ENIKOL 48V Solar Battery (model number: ESK-4860CVT) is a high-quality energy storage solution originating from Shenzhen. With certifications including CE, FCC, UKCA, UN38.3, and MSDS, this product ensures safety and reliability in various applications.

Product Application Occasions and Scenarios:

- Residential Use: The 48V Solar Battery is perfect for homeowners looking to store excess solar energy for use during peak hours or in case of power outages. Its 10KW power capacity and max continuous discharge current of 200A make it ideal for residential energy backup.
- Commercial Buildings: Businesses can benefit from the ENIKOL 48V Solar Battery by reducing energy costs through peak shaving and load shifting. The ability to parallel up to 16 sets allows for scalability to meet varying energy demands.
- Off-Grid Systems: For remote locations or off-grid applications, this solar battery provides a reliable source of power. The CAN/RS485 communication function enables remote monitoring and control, ensuring efficient operation even in isolated areas.
- Energy Storage Projects: The ENIKOL 48V Solar Battery is suitable for large-scale energy storage projects due to its high supply ability of 4000 pieces per week. The sturdy white painted steel shell and wooden box packaging ensure durability during transportation and installation.

With a negotiable price and flexible payment terms including T/T, L/C, D/A, D/P, Western Union, and MoneyGram, acquiring this product is convenient for customers. The 7-15 days delivery time ensures quick access to the 48V Solar Battery for immediate deployment.

Whether for residential, commercial, off-grid, or energy storage applications, the ENIKOL 48V Solar Battery offers a reliable and efficient solution. Invest in this product to experience sustainable energy storage with advanced features and certifications.

Customization:

Customize your 48V Solar Battery from ENIKOL with our Product Customization Services:

Brand Name: ENIKOL

Model Number: ESK-4860CVT

Place of Origin: Shenzhen

Certification: CE, FCC, UKCA, UN38.3, MSDS

Minimum Order Quantity: 1 unit

Price: Negotiable

Packaging Details: Wooden box packaging

Delivery Time: 7-15 days
Payment Terms: T/T, L/C, D/A, D/P, Western Union, MoneyGram
Supply Ability: 4000 pieces per week
Communication function: CAN/RS485
Rate Voltage: 51.2V
Max parallel: 16 Sets
Rated Capacity: 600AH (30.72KWH)
Display: 7-inch Touch Screen



Support and Services:

The 48V Solar Battery product comes with comprehensive Product Technical Support and Services to ensure optimal performance and customer satisfaction. Our technical support team is available to assist with any inquiries related to installation, troubleshooting, and maintenance of the solar battery system. In addition, we offer regular firmware updates and software enhancements to improve the functionality and efficiency of the product. Our service team is committed to providing timely responses and solutions to any issues that may arise, ensuring a smooth and reliable experience for our customers.

Packing and Shipping:

Product Packaging:

The 48V Solar Battery is carefully packaged in a sturdy wooden box to ensure safe transportation. The battery is surrounded by protective padding to prevent any damage during shipping.

Shipping Information:

Once your order is processed, the 48V Solar Battery will be shipped using a reliable courier service. You will receive a tracking number to monitor the status of your delivery. Please make sure someone is available to receive the package upon arrival.

FAQ:

Q: What is the brand name of this 48V Solar Battery?

A: The brand name is ENIKOL.

Q: What is the model number of this 48V Solar Battery?

A: The model number is ESK-4860CVT.

Q: Where is this 48V Solar Battery manufactured?

A: It is manufactured in Shenzhen.

Q: What certifications does this 48V Solar Battery have?

A: It is certified with CE, FCC, UKCA, UN38.3, MSDS.

Q: What is the minimum order quantity for this 48V Solar Battery?

A: The minimum order quantity is 1 unit.

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